

What is claimed is:

1. An enclosed type switchgear comprising:

a vacuum valve that is provided with a pair of switching contacts and disposed in a gas tank filled with insulating gas;

5 a moving current-carrying shaft one end side of which is integrally coupled with a moving contact of said vacuum valve;

a contact pressure adjusting spring that is disposed on the other end side of said moving current-carrying shaft;

10 an operating rod that is disposed extending through said gas tank;

an operation mechanism part that performs switching operation of the vacuum valve and is mounted on said operating rod located outside the gas tank;

15 an insulating rod that is mounted on said operating rod located inside the gas tank; and

an insulating rod electrically insulates between said operating rod and said contact pressure adjusting spring;

wherein said contact pressure adjusting spring is joined to said insulating rod.

20

2. The enclosed type switchgear according to claim 1, wherein an insulating barrier part covering a part of or the whole of outer circumference of said contact pressure adjusting spring is integrally formed on said insulating rod.

25

3. The enclosed type switchgear according to claim 2, wherein a spring retainer plate for shortening and keeping said contact pressure adjusting spring to a predetermined length is mounted on said insulating rod, and outer diameter of said
30 spring retainer plate is smaller than inner diameter of the

insulating barrier part formed on said insulating rod.

4. The enclosed type switchgear according to claim 1,
wherein the gas tank is filled with said insulating gas under
5 the pressure of 0.1 to 0.30 MPa.abs. and said insulating gas
is composed of any of air without treatment, air from which
one or both of water and dust are removed, nitrogen gas, mixed
gas of oxygen and nitrogen, and mixed gas of carbon dioxide
and nitrogen.

10

5. The enclosed type switchgear according to claim 1,
wherein the gas tank is filled with said insulating gas under
the pressure of 0.1 to 0.30 MPa.abs. and said insulating gas
is composed of any of SF_6 (sulfur hexafluoride), $\text{C-C}_4\text{F}_8$, C_2F_6 ,
15 and C_3F_8 mixed with nitrogen gas or the air.